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Viability Analysis of a Project for Green Investment for Social Causes

The presentation deals with a viability study for a project called “Organization Green Investment for Social causes” (OGIS). This project aims to increase donations for social projects by investing the donations into photovoltaic (PV) power plants. The income of the PV plant would then be forwarded to the social organization for the full feed-in tariff duration. Within the thesis, a photovoltaic power plant, located in Vienna, is simulated in order to create a realistic base case for further analyses. Furthermore, six diverse non-profit organizations (NPOs) were interviewed about a possible cooperation with an OGIS. The interviews showed that all NPOs expect a positive impact to evolve from such a partnership and would be willing to cooperate with an OGIS. Several economic cases of a PV plant, built by an OGIS, were analyzed concerning their accrued cash flow over the duration time of the feed-in tariff. A sensitivity analysis of different economic expenses was made which concluded that the cost of an OGIS does not have a big influence on the economic gain of a plant. The function of an OGIS can rather influence the profitability of the PV plants positively.

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